

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) RENEWAL

OFFICE OF AIR QUALITY

**La Gloria Oil and Gas Company
9323 West 30th Street
Clermont, Indiana 46234**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F063-13786-00028	
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: February 25, 2002 Expiration Date: February 25, 2007

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary petroleum distribution plant.

Authorized individual:	John Funk
Source Address:	9323 West 30 th Street, Clermont, Indiana 46234
Mailing Address:	9323 West 30 th Street, Clermont, Indiana 46234
General Source Phone Number:	(317)299-8610
SIC Code:	5171
Source Location Status:	Hendricks
County Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) petroleum product loading rack, with a maximum throughput of 605,000,000 gallons per year, with VOC emissions controlled by a vapor recovery unit which was constructed in 1981.
- (b) One (1) internal floating roof ethanol storage tank, identified as unit 100, constructed in 1985, with a maximum capacity of four thousand (4,000) barrels.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21).

Emission units with PM and PM10 emissions less than five (5) tons per year, SO₂, NO_x, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:

- (a) Four (4) fixed roof additive storage tanks, identified as units 101, 102, 103, and 104, each constructed in 1994, with a maximum capacity of one hundred and ninety (190), ninety-five (95), forty-eight (48), and thirteen (13) barrels, respectively.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP) Renewal.

A.5 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

B.2 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2, and 326 IAC 2-7) shall prevail.

B.3 Permit Term [326 IAC 2-8-4(2)]

This permit is issued for a fixed term of five (5) years from the original date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.4 Enforceability [326 IAC 2-8-6]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)] [326 IAC 2-8-5(a)(4)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit or,

for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality.[326 IAC 2-8-4(5)(E)]

- (c) The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; and
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in condition B, Emergency Provisions.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the

shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, may require to determine the compliance status of the source.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs), including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

B.14 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.

- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

Failure to notify IDEM, OAQ, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.

- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
- (2) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit [326 IAC 2-8-4(5)(C)]. The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, IN 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]

(1) A timely renewal application is one that is:

- (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(2) If IDEM, OAQ upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-8-9]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15]

(a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-8-15(b) through (d) and makes such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-8-15(a) and the following additional conditions:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

(c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).

(d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

B.20 Permit Revision Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-11(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.

- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also satisfy the requirements of 326 IAC 2-3 (Emission Offset);
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

- (b) Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), emissions of particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.6 Operation of Equipment [326 IAC 2-8-5(a)(4)]

Except as otherwise provided by statute, rule or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Procedures for Asbestos Emission Control

The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector

The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-8-4(3)]

C.8 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.10 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented upon issuance of this permit. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment.

Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing performed required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63 or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP);

All documents submitted pursuant to this condition shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.13 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared immediately upon issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:
 - (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
 - (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

- (4) Failure to take reasonable response steps shall constitute a violation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
 - (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

-
- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
 - (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156
- (b) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

- (c) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) petroleum product loading rack, with a maximum throughput of 605,000,000 gallons per year, with VOC emissions controlled by a vapor recovery unit which was constructed in 1981.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 VOC and HAP FESOP Limit [326 IAC 2-8]

The source shall limit the loading rack total throughput to less than a total of 605,000,000 gallons per twelve (12) consecutive month period, rolled monthly, with the gasoline throughput limited to less than 97,455,000 gallons per twelve (12) consecutive month period, rolled monthly. The source shall also control VOC and HAP emissions from the loading rack with the vapor recovery unit. These limits are equivalent to limiting the VOC emissions to less than ninety-eight (98) tons per twelve (12) consecutive month period, rolled monthly, single HAP emissions to less than nine (9) tons per twelve (12) consecutive month period, rolled monthly, and combination HAPs to less than twenty-four (24) tons per twelve consecutive month period, rolled monthly. The limits are structured such that when including emissions from the storage tanks, source total VOC emissions are limited to less than one hundred (100) tons per twelve (12) consecutive month period, rolled monthly, source total single HAP emissions are limited to less than ten (10) tons per twelve (12) consecutive month period, and source total combination HAP emissions are limited to less than twenty-five (25) tons per twelve (12) consecutive month period, rolled monthly. This will render the requirements of 326 IAC 2-7 (Part 70 Permit Program), 326 IAC 2-2 (Prevention of Significant Deterioration), and 40 CFR 52.21 not applicable.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-4-4]

326 IAC 8-4-4 (Petroleum Sources - Bulk Gasoline Terminals) applies to this source because this source is a bulk gasoline terminal and this source is located in Hendricks County which is listed in the applicability of this rule. Pursuant to this rule, no owner or operator of a bulk gasoline terminal shall permit the loading of gasoline into any transport, excluding railroad tank cars, or barges, unless:

- (a) The bulk gasoline terminal is equipped with a vapor control system, in good working order, in operation and consisting of one of the following:
- (1) An adsorber or condensation system which processes and recovers vapors and gases from the equipment being controlled, releasing no more than 80 mg/l of VOC to the atmosphere.
 - (2) A vapor collection system which directs all vapors to a fuel gas system or incinerator.
 - (3) An approved control system, demonstrated to have control efficiency equivalent to or greater than clause (1) above.
- (b) Displaced vapors and gases are vented only to the vapor control system.
- (c) A means is provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.

- (d) All loading and vapor lines are equipped with fittings which make vapor-tight connections and which will be closed upon disconnection.
- (e) If employees of the owner of the bulk gasoline terminal are not present during loading, it shall be the responsibility of the owner of the transport to make certain the vapor control system is attached to the transport. The owner of the terminal shall take all reasonable steps to insure that owners of transports loading at the terminal during unsupervised times comply with this section.

D.1.3 Leaks from Transports and Vapor Collection Systems [326 IAC 8-4-9]

326 IAC 8-4-9 (Petroleum Sources - Leaks from Transports and Vapor Collection Systems; Records) applies to this source because the source is in Hendricks County which is listed in the applicability of this rule and the source is subject to 326 IAC 8-4-4. Pursuant to this rule:

- (a) The Permittee shall not allow any gasoline transport to be filled or emptied unless the gasoline transport completes the following:
 - (1) Is tested annually according to test procedures consistent with Appendix A of "Control of Organic Compound Leaks from Gasoline Tank Trucks or and Vapor Collection Systems", EPA-450/2-78-051, or equivalent procedure approved by the Commissioner.
 - (2) Sustains a pressure change of no more than seven hundred and fifty (750) Pascals (three (3) inches of water) in five (5) minutes when pressurized to a gauge pressure of four thousand five hundred (4,500) Pascals (eighteen (18) inches of water) or evacuated to a gauge pressure of one thousand five hundred (1,500) Pascals (six (6) inches of water) during the testing required subdivision (1).
 - (3) Is repaired by the owner or operator and retested within fifteen (15) days of testing if it does not meet the criteria of subdivision (2).
 - (4) Displays a sticker that shows the date that the gasoline tank truck last passed the test required in subdivisions (1) through (2). Such sticker shall be displayed near the Department of Transportation Certification Plate required by 49 CFR 178.340-10b.
- (b) The Permittee shall operate the vapor control system and the gasoline loading rack in a manner that prevents:
 - (1) Gauge pressure from exceeding four thousand five hundred (4,500) pascals (eighteen (18) inches of water) and a vacuum from exceeding one thousand five hundred (1,500) Pascals (six (6) inches of water) in the gasoline tank truck.
 - (2) A reading equal to or greater than one hundred percent (100%) of the lower explosive limit (LEL, measured as propane) at two and five-tenths (2.5) centimeters from all points on the perimeter of a potential leak source when measured by the method referenced in Appendix B of "Control of Organic Compound Leaks from Gasoline Tank Trucks and Vapor Collection Systems", EPA 450/2-78-051, or an equivalent procedure approved by the Commissioner during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals.
 - (3) Avoidable visible liquid leaks during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals.

- (c) The Permittee shall repair and retest a vapor collection or control system that exceeds the limits in condition (b) within fifteen (15) days.

D.1.4 Volatile Organic Compounds (VOC) [326 IAC 12] [40 CFR 60, Subpart XX]

The loading rack is subject to the New Source Performance Standard (NSPS), 40 CFR 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals because it was constructed prior to the applicability date of December 17, 1980 for this rule. The rule requires:

- (a) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.
- (b) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed thirty five (35) milligrams of total organic compounds per liter of gasoline loaded, except as noted in paragraph (c) of 40 CFR 60.602.
- (c) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.
- (d) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - (1) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (2) The Permittee shall cross-check each tank identification number obtained in paragraph (e)(2) of 40 CFR 60.502 with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.
 - (3) The Permittee shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.
 - (4) The Permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
 - (5) Alternate procedures to those described in paragraphs (e)(1) through (5) of 40 CFR 60.502 for limiting gasoline tank truck loadings may be used upon application to, and approval by, the IDEM, OAQ.
- (e) The Permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
- (f) The Permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
- (g) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).

- (h) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- (i) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the lading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable.

D.1.5 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.1.6 Volatile Organic Compounds (VOC)

In order to comply with Conditions D.1.1, D.1.2, D.1.3, and D.1.4, the vapor recover unit for VOC control shall be in operation at all times when loading operations are taking place.

D.1.7 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]

Prior to December 11, 2002, in order to demonstrate compliance with Condition D.1.1, D.1.2, and D.1.4, the Permittee shall perform VOC testing on the vapor recovery unit utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.8 Monitoring

- (a) The vacuum reading of the vapor recovery unit shall be monitored continuously whenever the petroleum product loading rack is operated. The vacuum reading of the vapor recovery unit shall be maintained greater than 27 pounds per square inch. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit. In the event that the continuous monitoring unit breaks down, intermittent monitoring of the vacuum reading should, to the extent practical, be implemented at intervals of no less than one hour until such time as the continuous monitor is back in operation.
- (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records of the total loading rack throughput and the gasoline throughput. The records shall be complete and sufficient to establish compliance with the loading rack throughput limits established in Condition D.1.1.
- (b) To document compliance with Condition D.1.3, the Permittee shall maintain records of all certification testing. The records shall identify the following:
 - (1) The vapor balance, vapor collection, or vapor control system.
 - (2) The date of the test and, if applicable, retest.

- (3) The results of the test and, if applicable, retest.
- (c) To document compliance with Condition D.1.4, the Permittee shall maintain records of the following:
 - (1) The tank identification number of each gasoline tank truck that is loaded at the affected facility.
 - (2) The results of the inspections required under Condition D.1.4. The records shall include each detected leak and its respective repair date.
- (d) To document compliance with Condition D.1.8, the Permittee shall maintain records of the continuous vacuum readings for the vapor recovery unit.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (b) One (1) internal floating roof ethanol storage tank, identified as unit 100, constructed in 1985, with a maximum capacity of four thousand (4,000) barrels.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 12] [40 CFR 60, Subpart Kb]

Tank 100 is subject to the New Source Performance Standard (NSPS), 40 CFR 60, Subpart Kb (326 IAC 12) - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 because it has a volume greater than forty (40) cubic feet. The owner or operator of the tank shall equip it with one (1) of the following:

- (a) A fixed roof in combination with an internal floating roof meeting the following specifications:
- (1) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
 - (2) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
 - (A) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid mounted seal means a foam or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
 - (B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor mounted, but both must be continuous.
 - (C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces of the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
 - (3) Each opening in a non-contact internal floating roof tank except for automatic bleeder vents (vacuum breaker vents) and the rim space vent is to provide a projection below the liquid surface.

- (4) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
- (5) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
- (6) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
- (7) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
- (8) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
- (9) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
- (b) An external floating roof. An external floating roof means a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Each external floating roof must meet the following specifications:
 - (1) Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal, and the upper seal is referred to as the secondary seal.
 - (A) The primary seal shall be either a mechanical show seal or a liquid-mounted seal. Except as provided in 40 CFR 60.223b(b)(4), the seal shall completely cover the annular space between the edge of the floating roof and tank wall.
 - (B) The secondary seal shall completely cover the annular space between the external floating roof and wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4).
 - (2) The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.
- (c) A closed vent system and control device meeting the following specifications:
 - (1) The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicate by an instrument reading of less than 500 ppm above background and visual inspections, as determine in part 60, subpart VV, 40 CFR 60.485(b).

- (2) The control device shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. If a flare is used as the control device, it shall meet the specifications described in the general control device requirements (40 CFR 60.18) of the General Provisions.
- (d) A system equivalent to those described in paragraphs a, b, and c above as provided in 40 CFR 60.114b.

D.2.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.2.3 Monitoring [326 IAC 12] [40 CFR 60, Subpart Kb]

After installing the control equipment required to meet 60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner and operator of Tank 100 shall:

- (a) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.
- (b) For vessels equipped with a liquid-mounted or mechanical shoe primary, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulate don the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel form service within 45 days. If a failure that is detected during inspection secured in the paragraph cannot be repaired within 45 days and if the vessel cannot be emptied wihtin45 days, a 30 day extension may be requested form the Administrator in the inspection report required in 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (c) For vessels equipped with a double-seal system as specified in 60.112b(a)(1)(ii)(B):
 - (1) Visually inspect the vessel as specified in paragraph (a)(4) of 60.113b at least every 5 years; or
 - (2) Visually inspect the vessel as specified in paragraph (a)(2) of 60.113b.
- (d) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, of the gaskets no longer close off the liquid surfaces form the atmosphere, or the slotted membrane has more than 10 percent open area, the owner of operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspections as specified in paragraphs (a)(2) and (a)(3)(99)

of 113b and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of 60.113b.

- (e) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (a)(1) and (a)(4) of 60.113b to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (a)(4) of 60.113b is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by the written documentation demonstrating why the inspection was unplanned. Alternatively, this notification may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.2.4 Record Keeping Requirements

- (a) Pursuant to 326 IAC 12 and 40 CFR 60, Subpart Kb, the owner or operator of the internal floating roof tanks shall meet the following requirements:
 - (1) Keep a record showing the dimension of the storage tank and an analysis showing the capacity of the vessel.
 - (2) Keep a record of each inspection performed as required by 60.113b(a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
 - (3) IF any of the conditions described in 60.113b(a)(2) are detected during the annual visual inspection required by 60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied of the nature of and date the repair was made.
 - (4) After each inspection required by 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of 60.113b(a)(1) or 60.113b(a)(3) and list each repair made.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.5 Reporting Requirements

Pursuant to 326 IAC 12 and 40 CFR 60, Subpart Kb, the owner or operator shall furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 60.112b(a)(1) and 60.113(a)(1). The report shall be an attachment to the notification required by 60.7(a)(3).

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

Emission units with PM and PM10 emissions less than five (5) tons per year, SO₂, NO_x, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:

- (a) Four (4) fixed roof additive storage tanks, identified as units 101, 102, 103, and 104, each constructed in 1994, with a maximum capacity of one hundred and ninety (190), ninety-five (95), forty-eight (48), and thirteen (13) barrels, respectively.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

There are no specific regulations applicable to these units.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: La Gloria Oil and Gas Company
Source Address: 9323 West 30th Street, Clermont, Indiana 46234
Mailing Address: 9323 West 30th Street, Clermont, Indiana 46234
FESOP No.: F063-13786-00028

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Affidavit (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: La Gloria Oil and Gas Company
Source Address: 9323 West 30th Street, Clermont, Indiana 46234
Mailing Address: 9323 West 30th Street, Clermont, Indiana 46234
FESOP No.: F063-13786-00028

This form consists of 2 pages

Page 1 of 2

9 This is an emergency as defined in 326 IAC 2-7-1(12)
 CThe Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
 CThe Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: La Gloria Oil and Gas Company
Source Address: 9323 West 30th Street, Clermont, Indiana 46234
Mailing Address: 9323 West 30th Street, Clermont, Indiana 46234
FESOP No.: F063-13786-00028
Facility: Loading Rack
Parameter: Throughput
Limit: Less than 605,000,000 gallons per year
Less than 97,455,000 gallons of gasoline per year

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: La Gloria Oil and Gas Company
Source Address: 9323 West 30th Street, Clermont, Indiana 46234
Mailing Address: 9323 West 30th Street, Clermont, Indiana 46234
FESOP No.: F063-13786-00028

Months: _____ to _____ Year: _____

Page 1 of 2

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Technical Support Document for Federally Enforceable State Operating Permit (FESOP) Renewal

Source Background and Description

Source Name:	La Gloria Oil and Gas Company
Source Location:	9323 West 30 th Street, Clermont, Indiana 46234
County:	Hendricks
SIC Code:	5171
Operation Permit No.:	F063-13786-00028
Permit Reviewer:	ERG/KC)

On November 8, 2001, the Office of Air Quality (OAQ) had a notice published in The Hendricks County Flyer, Plainfield, Indiana, stating that La Gloria Oil and Gas Company had applied for a Federally Enforceable State Operating Permit (FESOP) Renewal to operate a petroleum distribution plant with control. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On November 30, 2001, La Gloria Oil and Gas Company submitted comments on the proposed FESOP renewal. The summary of the comments is as follows:

Comment 1:

The source noted that monitoring requirements in their original FESOP differ from the monitoring requirements in the renewal FESOP. They questioned the purpose of the changes.

Response to Comment 1:

The original FESOP required continuous monitoring of the vacuum reading whenever the loading rack is operating and the staff is available. In order to ensure that the loading rack is in compliance with all applicable requirements, the vacuum reading must be monitored at all times that the loading rack is in operation. Therefore, this permit requires that the vacuum reading be monitored at all times that the loading rack is in operation.

The original FESOP required that the vacuum reading be monitored once per shift and monthly records of the vacuum reading be submitted. The submittal of the FESOP Quarterly Reports and the maintenance of records of the continuous vacuum reading are enough to ensure compliance with the requirements in the permit. Therefore, monthly records submittal is not included.

Comment 2:

The source noted that the TSD states that Tank 100 is not in compliance with 40 CFR 60, Subpart Kb. The source would like it noted that Tank 100 is equipped with an internal floating roof and double seal system. Inspections have also been conducted.

Response to Comment 2:

The OAQ prefers that the Technical Support Document reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the TSD. The TSD is not an enforceable document, but a technical tool to the permit. This accomplished the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision.

Please note that Tank 100 is equipped with an internal floating roof and double seal system. Inspections have also been conducted.

Upon Further Review, IDEM, OAQ made the following changes to the permit:

1. In order to ensure that the reports are sent to the appropriate division, the division section for IDEM has been changed in Conditions C.8 and C.16 to read as follows:

Indiana Department of Environmental Management
Compliance ~~Data Section~~ Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

2. An error in A.3 and D. 3 was corrected.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21).

- (a) — Emission units with PM and PM10 emissions less than five (5) tons per year, SO₂, NO_x, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:
- (a)(b) Four (4) fixed roof additive storage tanks, identified as units 101, 102, 103, and 104, each constructed in 1994, with a maximum capacity of one hundred and ninety (190), ninety-five (95), forty-eight (48), and thirteen (13) barrels, respectively.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

~~(a)~~ Emission units with PM and PM10 emissions less than five (5) tons per year, SO₂, NO_x, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year:

~~(a)(b)~~ Four (4) fixed roof additive storage tanks, identified as units 101, 102, 103, and 104, each constructed in 1994, with a maximum capacity of one hundred and ninety (190), ninety-five (95), forty-eight (48), and thirteen (13) barrels, respectively.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

3. The source is required to continuously monitor the vacuum reading of the vapor recovery unit. However, a condition requiring the source to keep records of this monitoring was inadvertently left out of the permit. Therefore, the following change was made:

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records of the total loading rack throughput and the gasoline throughput. The records shall be complete and sufficient to establish compliance with the loading rack throughput limits established in Condition D.1.1.
- (b) To document compliance with Condition D.1.3, the Permittee shall maintain records of all certification testing. The records shall identify the following:
- (1) The vapor balance, vapor collection, or vapor control system.
 - (2) The date of the test and, if applicable, retest.
 - (3) The results of the test and, if applicable, retest.
- (c) To document compliance with Condition D.1.4, the Permittee shall maintain records of the following:
- (1) The tank identification number of each gasoline tank truck that is loaded at the affected facility.
 - (2) The results of the inspections required under Condition D.1.4. The records shall include each detected leak and its respective repair date.
- (d) To document compliance with Condition D.1.8, the Permittee shall maintain records of the continuous vacuum readings for the vapor recovery unit.**
- ~~(e)(d)~~ All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

4. A.5 Prior Permits Superseded was added to the permit to help clarify the intent of the new rule 326 IAC 2-1.9.5.

~~A.5 Prior Permit Conditions~~

- ~~(a) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.~~
- ~~(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ, **(and local agency when applicable)** shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued.~~

A.5 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either**
- (1) incorporated as originally stated,**
 - (2) revised, or**
 - (3) deleted**
- by this permit.**
- (b) All previous registrations and permits are superseded by this permit.**
5. The IDEM, OAQ, has revised Condition B.15 Deviations from Permit Requirements and Conditions to address concerns regarding the independent enforceability of permit conditions [see 326 IAC 2-8-4(5)]. B.15 was revised to remove language that could be considered to grant exemptions from permit requirements and to clarify reporting obligations.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:**

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. **A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit** Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit. ~~or a rule. It does not include:~~
 - (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.
- 6. Several conditions were modified by removing language stating that the condition was not federally enforceable. Federal law states that failure to comply with any permit condition issued under a program that has been approved into a State Implementation Plan (SIP) is to be treated as a violation of the SIP (40 CFR 52.23). This has the effect of making all FESOP conditions federally enforceable. Indiana's FESOP program was approved as a part of Indiana's SIP at 40 CFR 52.788. Neither the program nor the underlying rule, 326 IAC 2-8 contains provisions for designating certain conditions as not federally enforceable.
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. ~~326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.~~
- C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]
The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2. ~~326 IAC 9-1-2 is not federally enforceable.~~
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). ~~326 IAC 6-4-2(4) is not federally enforceable.~~
- 7. 326 IAC 2-8-3 requires any application form, report, or compliance certification to be certified by the authorized individual. IDEM, OAQ has revised C.7 Asbestos Abatement Projects to clarify that the asbestos notification does not require a certification by the authorized individual, but it does need to be certified by the owner or operator. IDEM, OAQ has revised C.14 Actions Related to Noncompliance Demonstrated by a Stack Test; a certification by the authorized individual is required for the notification sent in response to non-compliance with a stack test.
- C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]
 - (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
 - (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

- (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do ~~not~~ require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- 8. The IDEM, OAQ has restructured C.13 to clarify the contents and implementation of the compliance response plan. The name of the condition has changed to better reflect the contents of the condition. The language regarding the OAQ's discretion to excuse failure to perform monitoring under certain conditions has been deleted. The OAQ retains this discretion to

excuse minor incidents of missing data; however, it is not necessary to state criteria regarding the exercise of that discretion in the permit. The title Compliance Monitoring Plan - Failure to Take Response Steps has been changed to Compliance Response Plan - Preparation, Implementation, Records, and Reports throughout the permit.

C.13 **Compliance Response Monitoring Plan - Failure to Take Response Steps Preparation, Implementation, Records, and Reports** [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) The Permittee is required to **prepare** ~~implement: a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. The compliance monitoring plan can be either an entirely new document, consist in whole of information contained in other documents, or consist of a combination of new information and information contained in other documents. If the compliance monitoring plan incorporates by reference information contained in other documents, the Permittee shall identify as part of the compliance monitoring plan the documents in which the information is found. The elements of the compliance monitoring plan are:~~

- ~~_____ (1) This condition;~~
- ~~_____ (2) The Compliance Determination Requirements in Section D of this permit;~~
- ~~_____ (3) The Compliance Monitoring Requirements in Section D of this permit;~~
- ~~_____ (4) The Record Keeping and Reporting Requirements in Section C (General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and~~

- ~~(5)~~ **A a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, and maintained on site, and is comprised of:**

- ~~(A)~~**(1) Reasonable response steps that may be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.**

- ~~(B)~~ **A time schedule for taking reasonable response steps including a schedule for devising additional response steps for situations that may not have been predicted.**

- (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.**

- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition **as follows:** ~~Failure to take reasonable response steps may constitute a violation of the permit.~~

- (1) **Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or**
 - (2) **If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.**
 - (3) **If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.**
 - (4) **Failure to take reasonable response steps shall constitute a violation of the permit.**
- (c) ~~Upon investigation of a compliance monitoring excursion, the~~ **The Permittee is excused from taking not required to take any** further response steps for any of the following reasons:
- (1) ~~A false reading occurs due to the malfunction of the monitoring equipment and This shall be an excuse from taking further response steps providing that~~ prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) **When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.**
- ~~(d)(e)~~ **Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. The Permittee shall record all instances when response steps are taken.** In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- ~~(e)(f)~~ **Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed at all times when the equipment emission unit is operating, except for time necessary to perform quality assurance**

and maintenance activities. ~~If monitoring is required by Section D and the equipment is not operating, then the Permittee may record the fact that the equipment is not operating or perform the required monitoring.~~

- (f) ~~At its discretion, IDEM may excuse the Permittee's failure to perform the monitoring and record keeping as required by Section D, if the Permittee provides adequate justification and documents that such failures do not exceed five percent (5%) of the operating time in any quarter. Temporary, unscheduled unavailability of qualified staff shall be considered a valid reason for failure to perform the monitoring or record keeping requirements in Section D.~~

D.1.8 Monitoring

- (a) The vacuum reading of the vapor recovery unit shall be monitored continuously whenever the petroleum product loading rack is operated. The vacuum reading of the vapor recovery unit shall be maintained greater than 27 pounds per square inch. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - ~~Failure to Take Response Steps~~ **Preparation, Implementation, Records, and Reports**, shall be considered a violation of this permit. In the event that the continuous monitoring unit breaks down, intermittent monitoring of the vacuum reading should, to the extent practical, be implemented at intervals of no less than one hour until such time as the continuous monitor is back in operation.
- (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Federally Enforceable Operating Permit (FESOP) Renewal

Source Background and Description

Source Name: La Gloria Oil and Gas Company
Source Location: 9323 West 30th Street, Clermont, Indiana 46234
County: Hendricks
SIC Code: 5171
Operation Permit No.: F063-13786-00028
Permit Reviewer: ERG/KC

The Office of Air Quality (OAQ) has reviewed a renewal FESOP application from La Gloria Oil and Gas Company relating to the operation of a petroleum distribution plant. La Gloria Oil and Gas Company was issued FESOP F063-5720-00028 on December 9, 1996.

Permitted Emission Units and Pollution Control Equipment

The stationary source consists of the following permitted emission units and pollution control devices:

- (a) One (1) petroleum product loading rack, with a maximum throughput of 605,000,000 gallons per year, with VOC emissions controlled by a vapor recovery unit which was constructed in 1981.
- (b) One (1) internal floating roof ethanol storage tank, identified as unit 100, constructed in 1985, with a maximum capacity of four thousand (4,000) barrels.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this renewal review process.

New Emission Units and Pollution Control Equipment Receiving New Source Review Approval

There are no new emission units and pollution control equipment receiving new source review approval during this renewal review process.

Insignificant Activities

This source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Emission units with PM and PM10 emissions less than five (5) tons per year, SO₂, NO_x, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five

(25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year.

- (b) Four (4) fixed roof additive storage tanks, identified as units 101, 102, 103, and 104, each constructed in 1994, with a maximum capacity of one hundred and ninety (190), ninety-five (95), forty-eight (48), and thirteen (13) barrels, respectively.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

F063-5720-00028, issued on December 9, 1996, and expiring on December 9, 2001.

All conditions from previous approvals were incorporated into this FESOP, except:

Condition not included: FESOP Monthly Report (vacuum pressure readings) of F063-5720-00028

Reason not included: The quarterly reporting forms are sufficient to determine compliance with the limits contained in this permit.

Enforcement Issue

- (a) IDEM is aware that Tank 100 is not in compliance with 40 CFR 60, Subpart Kb.
- (b) IDEM is reviewing this matter and will take appropriate action.

Recommendation

The staff recommends to the Commissioner that the FESOP Renewal be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete FESOP Renewal application for the purposes of this review was received on January 17, 2001.

Emission Calculations

See Appendix A of this document for detailed emissions calculations (page 1 through 4). See Appendix B of this document for TANKS printouts.

Unrestricted Potential Emissions

This table reflects the unrestricted potential emissions of the source, excluding the emission limits that were contained in the previous FESOP.

Pollutant	Potential To Emit (tons/year)
PM	0
PM-10	0
SO ₂	0
VOC	2719.51
CO	0
NO _x	0

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAPs	Potential To Emit (tons/year)
Benzene	11.8
Ethylbenzene	1.15
Xylene	6.12
2,2,4-Trimethylpentane	17.77
Cumene	0.29
Hexane - n	84.73
Methyl tert-Butyl Ether	38.24
Naphthalene	0.01
Styrene	1.68
Toluene	15.31
TOTAL	177.1

- (a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of VOC is equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is equal to or greater than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (c) Pursuant to 326 IAC 2-8, this source, otherwise required to obtain a Title V permit, has agreed to accept a permit with federally enforceable limits that restrict PTE to below Title V emission levels. Therefore, this source will be issued a Federally Enforceable State Operating Permit (FESOP). This source has chosen to limit the emissions of VOC to less than one hundred (100) tons per twelve (12) consecutive month period, the emissions of single HAPs to below ten (10) tons per twelve (12) consecutive month period, and the emissions of any combination of HAPs to below twenty-five (25) tons per twelve (12) consecutive month period. This limitation will render the requirements of 326 IAC 2-7 not applicable.
- (d) Fugitive Emissions
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive emissions are not counted toward determination of PSD and Emission Offset applicability.

Potential to Emit After Issuance

The source, issued a FESOP on December 9, 1996, has opted to remain a FESOP source, rather than apply for a Part 70 Operating Permit. The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered enforceable

only after issuance of this Federally Enforceable State Operating Permit and only to the extent that the effect of the control equipment is made practically enforceable in the permit. Since the source has not constructed any new emission units, the source's potential to emit is based on the emission units included in the original FESOP. (F063-5720-00028; issued on December 9, 1996).

Process/Facility	Potential to Emit (tons/year)						
	PM	PM-10	SO ₂	VOC	CO	NO _x	HAPs
Storage tanks (100, 101, 102, 103, and 104)	0	0	0	1.69	0	0	Single - 0.01 Combination - 0.01
Loading rack equipped with a vapor recovery unit	0	0	0	Less than 98	0	0	Single - Less than 9 Combination - Less than 24
Total Emissions	0	0	0	Less than 100	0	0	Single - Less than 10 Combination - Less than 25

County Attainment Status

The source is located in Hendricks County.

Pollutant	Status
PM-10	Attainment
SO ₂	Attainment
NO ₂	Attainment
Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and oxides of nitrogen (NO_x) are precursors for the formation of ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Hendricks County has been designated as attainment or unclassifiable for ozone.
- (b) Hendricks County has been classified as attainment or unclassifiable for PM10, SO₂, NO₂, CO, and Lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

Federal Rule Applicability

- (a) Tank 100 is subject to the New Source Performance Standard (NSPS), 40 CFR 60, Subpart Kb (326 IAC 12) - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 because it has a volume greater than forty (40) cubic feet. Pursuant to this rule the owner or operator of the tank shall equip it with one (1) of the following:

- (1) A fixed roof in combination with an internal floating roof meeting the following specifications:
 - (A) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
 - (B) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
 - (i) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid mounted seal means a foam or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
 - (ii) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor mounted, but both must be continuous.
 - (iii) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces of the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
 - (C) Each opening in a non-contact internal floating roof tank except for automatic bleeder vents (vacuum breaker vents) and the rim space vent is to provide a projection below the liquid surface.
 - (D) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - (E) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - (F) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - (G) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

- (H) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
- (I) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
- (2) An external floating roof. An external floating roof means a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Each external floating roof must meet the following specifications:
 - (A) Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal, and the upper seal is referred to as the secondary seal.
 - (i) The primary seal shall be either a mechanical show seal or a liquid-mounted seal. Except as provided in 40 CFR 60.223b(b)(4), the seal shall completely cover the annular space between the edge of the floating roof and tank wall.
 - (ii) The secondary seal shall completely cover the annular space between the external floating roof and wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4).
 - (B) The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.
- (3) A closed vent system and control device meeting the following specifications:
 - (A) The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicate by an instrument reading of less than 500 ppm above background and visual inspections, as determine in part 60, subpart VV, 40 CFR 60.485(b).
 - (B) The control device shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. If a flare is used as the control device, it shall meet the specifications described in the general control device requirements (40 CFR 60.18) of the General Provisions.
- (4) A system equivalent to those described in paragraphs 1, 2, and 3 above as provided in 40 CFR 60.114b.

The source has installed a fixed roof in combination with an internal floating roof in order to be in compliance with this rule.

- (b) Tank 101, 102, 103, and 104 are not subject to the New Source Performance Standard (NSPS), 40 CFR 60, Subpart Kb (326 IAC 12) - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which

Construction, Reconstruction, or Modification Commenced After July 23, 1984 because they have volumes less than forty (40) cubic feet.

- (c) The loading rack is subject to the New Source Performance Standard (NSPS), 40 CFR 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals because it was constructed after the applicability date of December 17, 1980 for this rule. Pursuant to the rule, the following requirements apply:
- (1) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.
 - (2) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed thirty five (35) milligrams of total organic compounds per liter of gasoline loaded, except as noted in paragraph (c) of 40 CFR 60.602.
 - (3) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.
 - (4) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - (A) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (B) The Permittee shall cross-check each tank identification number obtained in paragraph (e)(2) of 40 CFR 60.502 with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.
 - (C) The Permittee shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.
 - (D) The Permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
 - (E) Alternate procedures to those described in paragraphs (e)(1) through (5) of 40 CFR 60.502 for limiting gasoline tank truck loadings may be used upon application to, and approval by, the IDEM, OAQ.
 - (5) The Permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
 - (6) The Permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
 - (7) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500

pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).

- (8) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- (9) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the lading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable.
- (d) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14 and 40 CFR Part 63) applicable to this source. This source is not subject to the requirements of 40 CFR Part 63, Subpart R because this rule applies to sources that are a major source for HAPs. This source is not a major source for HAPs because it is limiting HAP emissions to less than ten (10) tons per twelve (12) consecutive month period for a single HAP and less than twenty-five (25) tons per twelve (12) consecutive month period of any combination of HAPs.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)

The FESOP VOC limit will make the source minor for PSD. Therefore, this will render the requirements of 326 IAC 2-2 and 40 CFR 52.21 not applicable.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The operation will emit less than 10 tons per year of a single HAP or 25 tons per year of a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 2-6 (Emission Reporting)

This source is located in Hendricks County and the potential to emit VOC is limited to less than one hundred (100) tons per year. Therefore, 326 IAC 2-6 does not apply.

326 IAC 2-8 (FESOP)

The source shall limit the loading rack total throughput to less than a total of 605,000,000 gallons per twelve (12) consecutive month period, rolled monthly, with the gasoline throughput limited to less than 97,455,000 gallons per twelve (12) consecutive month period, rolled monthly. The source shall also control VOC and HAP emissions from the loading rack with the vapor recovery unit. This limit is equivalent to limiting emissions of VOC to less than ninety-eight (98) tons per twelve (12) consecutive month period, rolled monthly, emissions of a single HAP to less than nine (9) tons per twelve (12) consecutive month period, rolled monthly, and emissions of a combination of HAPs to less than twenty-four (24) tons per twelve (12) consecutive month period, rolled monthly. The limit is structured such that when including emissions from the storage tanks, the source total VOC emissions are less than one hundred (100) tons per twelve (12) consecutive month period, rolled monthly, the source total single HAP emissions are less than ten (10) tons per twelve (12) consecutive month period, rolled monthly, and the source total combination HAP emissions are less than twenty-five (25) tons per twelve (12) consecutive month period, rolled monthly. These limits will render the requirements of 326 IAC 2-7 (Part 70 Permit Program) not applicable.

326 IAC 6-3-2 (Process Operations)

326 IAC 6-3-2 (Process Operations) does not apply to this source because this source does not emit any particulate matter.

326 IAC 8-1-6 (New Facilities; General Reduction Requirements)

326 IAC 8-1-6 (New Facilities; General Reduction Requirements) does not apply to this source because other 326 IAC 8 rules apply.

326 IAC 8-4-2 (Petroleum Sources - Petroleum Refineries)

326 IAC 8-4-2 (Petroleum Sources - Petroleum Refineries) does not apply to this source located in Hendricks County because this source is not a petroleum refinery. This source just stores petroleum compounds.

326 IAC 8-4-3 (Petroleum Sources - Petroleum Liquid Storage Facilities)

326 IAC 8-4-3 (Petroleum Sources - Petroleum Liquid Storage Facilities) does not apply to any of the storage facilities at the source located in Hendricks County because the true vapor pressure of the ethanol in tank 100 is less than 1.52 psi. The rule does not apply to tanks 101, 102, and 103 because they have capacities less than 39,000 gallons.

326 IAC 8-4-4 (Petroleum Sources - Bulk Gasoline Terminals)

326 IAC 8-4-4 (Petroleum Sources - Bulk Gasoline Terminals) applies to this source because this source is a bulk gasoline terminal and this source is located in Hendricks County which is listed in the applicability of this rule. Pursuant to this rule, no owner or operator of a bulk gasoline terminal shall permit the loading of gasoline into any transport, excluding railroad tank cars, or barges, unless:

- (a) The bulk gasoline terminal is equipped with a vapor control system, in good working order, in operation and consisting of one of the following:
 - (1) An adsorber or condensation system which processes and recovers vapors and gases from the equipment being controlled, releasing no more than 80 mg/l of VOC to the atmosphere.
 - (2) A vapor collection system which directs all vapors to a fuel gas system or incinerator.
 - (3) An approved control system, demonstrated to have control efficiency equivalent to or greater than clause (1) above.
- (b) Displaced vapors and gases are vented only to the vapor control system.
- (c) A means is provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
- (d) All loading and vapor lines are equipped with fittings which make vapor-tight connections and which will be closed upon disconnection.
- (e) If employees of the owner of the bulk gasoline terminal are not present during loading, it shall be the responsibility of the owner of the transport to make certain the vapor control system is attached to the transport. The owner of the terminal shall take all reasonable steps to insure that owners of transports loading at the terminal during unsupervised times comply with this section.

326 IAC 8-4-5 (Petroleum Sources - Bulk Gasoline Plants)

326 IAC 8-4-5 (Petroleum Sources - Bulk Gasoline Plants) does not apply to this source located in Hendricks County because this source is not a bulk gasoline plant. This source just stores petroleum compounds.

326 IAC 8-4-6 (Gasoline Dispensing Facilities)

326 IAC 8-4-6 (Gasoline Dispensing Facilities) does not apply to this source located in Hendricks County because this source does not dispense gasoline into motor vehicle fuel tanks

or portable container. This source dispenses gasoline into trucks which transport the gasoline to various gasoline dispensing facilities.

326 IAC 8-4-7 (Petroleum Sources - Gasoline Transports)

326 IAC 8-4-7 (Petroleum Sources - Gasoline Transports) does not apply to this source located in Hendricks County because this source does not transport gasoline. This source just stores petroleum compounds.

326 IAC 8-4-8 (Petroleum Sources - Leaks from Petroleum Refineries; Monitoring; Reports)

326 IAC 8-4-8 (Petroleum Sources - Leaks from Petroleum Refineries; Monitoring; Reports) does not apply to this source located in Hendricks County because this source is not a Petroleum Refinery. This source just stores petroleum compounds.

326 IAC 8-4-9 (Petroleum Sources - Leaks from Transports and Vapor Collection Systems; Records)

326 IAC 8-4-9 (Petroleum Sources - Leaks from Transports and Vapor Collection Systems; Records) does apply to this source because the source is in Hendricks County which is listed in the applicability of this rule and section 4 of this rule applies to this source. Pursuant to this rule:

- (a) The Permittee shall not allow any gasoline transport to be filled or emptied unless the gasoline transport completes the following:
 - (1) Is tested annually according to test procedures consistent with Appendix A of "Control of Organic Compound Leaks from Gasoline Tank Trucks or and Vapor Collection Systems", EPA-450/2-78-051, or equivalent procedure approved by the Commissioner.
 - (2) Sustains a pressure change of no more than seven hundred and fifty (750) Pascals (three (3) inches of water) in five (5) minutes when pressurized to a gauge pressure of four thousand five hundred (4,500) Pascals (eighteen (18) inches of water) or evacuated to a gauge pressure of one thousand five hundred (1,500) Pascals (six (6) inches of water) during the testing required subdivision (1).
 - (3) Is repaired by the owner or operator and retested within fifteen (15) days of testing if it does not meet the criteria of subdivision (2).
 - (4) Displays a sticker that shows the date that the gasoline tank truck last passed the test required in subdivisions (1) through (2). Such sticker shall be displayed near the Department of Transportation Certification Plate required by 49 CFR 178.340-10b.
- (b) The Permittee shall operate the vapor control system and the gasoline loading rack in a manner that prevents:
 - (1) Gauge pressure from exceeding four thousand five hundred (4,500) pascals (eighteen (18) inches of water) and a vacuum from exceeding one thousand five hundred (1,500) Pascals (six (6) inches of water) in the gasoline tank truck.
 - (2) A reading equal to or greater than one hundred percent (100%) of the lower explosive limit (LEL, measured as propane) at two and five-tenths (2.5) centimeters from all points on the perimeter of a potential leak source when measured by the method referenced in Appendix B of "Control of Organic Compound Leaks from Gasoline Tank Trucks and Vapor Collection Systems", EPA 450/2-78-051, or an equivalent procedure approved by the Commissioner during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals.

- (3) Avoidable visible liquid leaks during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals.
- (c) The Permittee shall repair and retest a vapor collection or control system that exceeds the limits in condition (b) within fifteen (15) days.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) does not apply to this source because this source is located in Hendricks County and this rule applies to sources located in Clark, Floyd, Lake, or Porter County.

Testing Requirements

Testing was required in the original FESOP and is being required in this FESOP for the vapor recovery unit because the loading rack has the potential to emit greater than forty percent (40%) of the source's total potential to emit, before controls, of VOC, the major pollutant.

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

1. The vapor recovery unit has applicable compliance monitoring conditions as specified below:
 - (a) The vacuum reading of the vapor recovery unit shall be monitored continuously whenever the petroleum product loading rack is operated. The vacuum reading of the vapor recovery unit shall be maintained greater than 27 pounds per square inch. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit. In the event that the continuous monitoring unit breaks down, intermittent monitoring of the vacuum reading should, to the extent practical, be implemented at intervals of no less than one hour until such time as the continuous monitor is back in operation.

These monitoring conditions are necessary because the vapor recovery unit for the loading operations must operate properly to ensure compliance with 326 IAC 2-8

(FESOP), 326 IAC 8-4-4 (Petroleum Sources - Bulk Gasoline Terminals), 326 IAC 12, and 40 CFR 60, Subpart XX (Standards of Performance for Bulk Gasoline Terminals).

Conclusion

The operation of this petroleum distribution plant shall be subject to the conditions of the attached proposed renewal FESOP No.: 063-13786-00028.

Loading Loss

Company Name: La Gloria Oil and Gas Co.

Address City IN Zip: 9323 West 30th Street, Clermont, Indiana 46234

Permit Number: 063-13786-00028

Plt ID: 063-00028

Reviewer: ERG/KC

Date: 06/07/01

Loading Loss Equation: $L = 12.46SPM/T$

Where: L = Loading loss, (lb/1000 gal liq loaded)
 S = Saturation Factor (Table 5.2-1 AP42)
 P = True vapor pressure of liquid loaded (psia) (Figure 7.1-14a AP42)
 M = Molecular weight (lb/lbmol) (Table 7.1 AP42)
 T = Temperature (R)

S = 1 (Submerged loading: dedicated vapor balance service)

P = 5.95 psia

M = 66 lb/lbmol

T = 511.1 R

$$L = 12.46(1)(5.95 \text{ psia})(66 \text{ lb/lbmol})/(511.1 \text{ R}) = 9.57 \text{ lb/1000 gal}$$

$$\text{Throughput} = 605,000,000 \text{ gal/yr}$$

$$\text{VOC emissions (ton/yr)} = (9.57 \text{ lb/1000 gal})(605,000,000 \text{ gal/year})/(2000 \text{ lb/ton}) = 2894.93 \text{ ton/yr}$$

Constituent	Vapor wt. %	Emissions (ton/yr)
Benzene	0.41%	11.80
Biphenyl	0.00%	0.00
2,2,4-Trimethylpentane	0.61%	17.77
Cresols	0.00%	0.00
Cumene	0.01%	0.29
Ethylbenzene	0.04%	1.15
Hexane - n	2.93%	84.73
Methyl tert-Butyl Ether	1.32%	38.24
Naphthalene	0.00%	0.01
Phenol	0.00%	0.00
Styrene	0.06%	1.68
Toluene	0.53%	15.31
Xylenes	0.21%	6.12
Non-methane VOC	93.88%	2717.82
Total	100.00%	2894.93

TANKS Summary

Company Name: La Gloria Oil and Gas Co.

Address City IN Zip: 9323 West 30th Street, Clermont, Indiana 46234

Permit Number: 063-13786-00028

Plt ID: 063-00028

Reviewer: ERG/KC

Date: 06/07/01

Unit	VOC Emissions (ton/yr)	Benzene Emissions (ton/yr)	Ethylbenzene Emissions (ton/yr)	Xylene Emissions (ton/yr)
Tank 100	1.06	0.00	0.00	0.00
Tank 101	0.63	0.01	0.00	0.00
Tank 102	0.00	0.00	0.00	0.00
Tank 103	0.00	0.00	0.00	0.00

Limited - Loading Loss

Company Name: La Gloria Oil and Gas Co.

Address City IN Zip: 9323 West 30th Street, Clermont, Indiana 46234

Permit Number: 063-13786-00028

Plt ID: 063-00028

Reviewer: ERG/KC

Date: 06/07/01

Limited Gasoline ThroughputLoading Loss Equation: $L = 12.46SPM/T$

Where: L = Loading loss, (lb/1000 gal liq loaded)
 S = Saturation Factor (Table 5.2-1 AP42)
 P = True vapor pressure of liquid loaded (psia) (Figure 7.1-14a AP42)
 M = Molecular weight (lb/lbmol) (Table 7.1 AP42)
 T = Temperature (R)

S = 1 (Submerged loading: dedicated vapor balance service)
 P = 5.95 psia
 M = 66 lb/lbmol
 T = 511.1 R

$$L = 12.46(1)(5.95 \text{ psia})(66 \text{ lb/lbmol})/(511.1 \text{ R}) = 9.57 \text{ lb/1000 gal}$$

$$\text{Limited Throughput} = 97,455,000 \text{ gal/yr}$$

$$\text{VOC emissions (ton/yr)} = (9.57 \text{ lb/1000 gal})(97,455,000 \text{ gal/year})/(2000 \text{ lb/ton}) = 466.32 \text{ ton/yr}$$

Constituent	Vapor wt. %	Emissions (ton/yr)	Control Efficiency	Controlled Emissions (ton/yr)
Benzene	0.41%	1.90	96.45%	0.07
Biphenyl	0.00%	0.00	96.45%	0.00
2,2,4-Trimethylpentane	0.61%	2.86	96.45%	0.10
Cresols	0.00%	0.00	96.45%	0.00
Cumene	0.01%	0.05	96.45%	0.00
Ethylbenzene	0.04%	0.19	96.45%	0.01
Hexane - n	2.93%	13.65	96.45%	0.48
Methyl tert-Butyl Ether	1.32%	6.16	96.45%	0.22
Naphthalene	0.00%	0.00	96.45%	0.00
Phenol	0.00%	0.00	96.45%	0.00
Styrene	0.06%	0.27	96.45%	0.01
Toluene	0.53%	2.47	96.45%	0.09
Xylenes	0.21%	0.99	96.45%	0.03
Non-methane VOC	93.88%	437.79	96.45%	15.54
Total	100.00%	466.32	96.45%	16.55

Limited Remainder ThroughputLoading Loss Equation: $L = 12.46SPM/T$

Where: L = Loading loss, (lb/1000 gal liq loaded)
 S = Saturation Factor (Table 5.2-1 AP42)
 P = True vapor pressure of liquid loaded (psia) (Figure 7.1-14a AP42)
 M = Molecular weight (lb/lbmol) (Table 7.1 AP42)
 T = Temperature (R)

S = 1 (Submerged loading: dedicated vapor balance service)
 P = 0.0086 psi
 M = 130 lb/lbmol
 T = 511.1 R

$$L = 12.46(1)(0.0086 \text{ psia})(130 \text{ lb/lbmol})/(511.1 \text{ R}) = 0.027 \text{ lb/1000 gal}$$

$$\text{Limited Throughput} = 507,545,000 \text{ gal/yr}$$

$$\text{VOC emissions (ton/yr)} = (0.027 \text{ lb/1000 gal})(507,545,000 \text{ gal/year})/(2000 \text{ lb/ton}) = 6.92 \text{ ton/yr}$$

Constituent	Vapor wt. %	Emissions (ton/yr)	Control Efficiency	Controlled Emissions (ton/yr)
Benzene	0.15%	0.01	96.45%	0.00
Biphenyl	0.00%	0.00	96.45%	0.00
2,2,4-Trimethylpentane	1.41%	0.10	96.45%	0.00
Cresols	0.01%	0.00	96.45%	0.00
Cumene	1.87%	0.13	96.45%	0.00
Ethylbenzene	0.24%	0.02	96.45%	0.00
Hexane - n	0.03%	0.00	96.45%	0.00
Methyl tert-Butyl Ether	0.00%	0.00	96.45%	0.00
Naphthalene	0.29%	0.02	96.45%	0.00
Phenol	0.04%	0.00	96.45%	0.00
Styrene	0.40%	0.03	96.45%	0.00
Toluene	1.76%	0.12	96.45%	0.00
Xylenes	6.41%	0.44	96.45%	0.02
Non-methane VOC	87.38%	6.05	96.45%	0.21
Total	100.00%	6.92	96.45%	0.25